State of New Hampshire

WATER DIVISION
WASTEWATER ENGINEERING BUREAU
6 HAZEN DRIVE P.O. BOX 95
CONCORD, NEW HAMPSHIRE 03301
(603) 271-3908

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

SLUDGE QUALITY CERTIFICATION APPLICATION

Pursuant to: Env-Ws 800 - Sludge Management Rules

I. TREATMENT FACILITY INFORMATION

1. **Treatment Facility:**
   Name: _____
   Address :_____
   _____Zip_____
   Phone #: ( )_____

2. **Operator:** (Contact Person)
   Name: _____
   Title:_____
   Phone #( )_____

II. ADDITIONAL INFORMATION

1A. If a POTW, provide a list and description of all industrial permittees and their limits, including a table containing the estimated quantity and physical and chemical characteristics of each discharge and the specific concentration limits in the permit for parameters reasonably expected to be present.

1B. If an industrial facility, provide the name and quantity of all chemicals being discharged to the treatment facility, or for those facilities with an NPDES permit, a copy of the most recent NPDES permit application with a statement that the information is current.

2. Provide the quantity of sludge, in wet tons, generated monthly for the past two (2) years.

3. If the sludge is not generated in New Hampshire, provide certification that the sludge meets the chemical standards for land application in the state of origin.

4. If the sludge contains human waste, provide a description of the process used to achieve Class A or Class B pathogen reduction requirements and vector attraction reduction requirements, including the applicable 40 CFR Part 503 citation.

III. SLUDGE QUALITY REPORT

1. Provide a description of the treatment facility and the sludge treatment process.

2. Provide a chronological summary of analytical data from the previous 3 years, if available, for each detected chemical, in tabular form and categorically for volatile organic compounds, semi-volatile organic compounds, metals, pesticides, PCBs, additional analyses, dioxins, cyanide and, if applicable, enteric virus.

3A. Submit the results of at least 4 representative samples of the sludge taken at least 60 days apart within the 12 months prior to the date of application for the constituents listed in Env-Ws 807.05(d), Table 807-I, except for section I, enteric viruses. (See attached list of pollutants.)

3B. For generators of Class B sludge requesting certification of their sludge for reclamation uses, enteric viruses must also be analyzed.

4. The constituents must be analyzed in accordance with the methods specified in Table 807-I.

5. Each application shall be submitted in duplicate and shall be accompanied by a fee specified in Env-Ws 807.02.

IV. Applicant Signature:

The applicant(s) must sign the following statement prior to submitting this application. All copies of the application filed with DES must bear the applicant's ORIGINAL signature(s). If the applicant is not an individual, the application shall be signed by an individual duly authorized by the applicant.

- To the best of my knowledge and belief, the information and material submitted herewith is correct and complete.
- I understand that any approval granted by DES based on false and/or incomplete information shall be subject to revocation or suspension, and that administrative, civil or criminal penalties may also apply.
- I certify that this application is submitted in a complete and accurate form as provided by DES without alteration of the text.

Applicant Name (Print Clearly or Type)	Co-Applicant Name (Print Clearly or Type)
Applicant Signature	Co-Applicant Signature
Date	Date

SUBMIT TWO COPIES OF ALL INFORMATION TO:
NH Department of Environmental Services
Wastewater Engineering Bureau
P.O. Box 95 6 Hazen Dr.
Concord, NH 03301
Attention: Sludge & Septage Management Section

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

POLLUTANT LIST

VOLATILE ORGANIC COMPOUNDS

Dichlorodifluoromethane
Chloromethane
Vinyl chloride
Bromomethane
Chloroethane
Trichlorofluoromethane
Diethyl ether
Acetone
1,1-Dichloroethene
Methylene chloride
Carbon disulfide
Methyl-tert-butylether (MTBE)
trans-1,2-Dichloroethene
1,1-Dichloroethane
2-Butanone (MEK)
2,2-Dichloropropane
cis-1,2-Dichloroethene
Chloroform
Bromochloromethane
Tetrahydrofuran (THF)
1,1,1-Trichloroethane
1,1-Dichloropropene
Carbon tetrachloride
1,2-Dichloroethane
Benzene
Trichloroethene
1,2 Dichloropropane
Dichlorobromomethane
Dibromomethane
4-Methyl-2-pentanone (MIBK)
cis-1,3-Dichloropropene
Toluene
trans-1,3-Dichloropropene
1,1,2-Trichloroethane
2-Hexanone
1,3-Dichloropropane
Tetrachloroethene
Dibromochloromethane
1,2-Dibromoethane
Chlorobenzene
1,1,1,2-Tetrachloroethane
Ethylbenzene
m&p-Xylene
o-Xylene
Styrene
Bromoform
Isopropylbenzene
1,1,2,2-Tetrachloroethane
1,2,3-Trichloropropane
n-Propylbenzene
Bromobenzene
1,3,5-Trimethylbenzene
2-Chlorotoluene
4-Chlorotoluene
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
p-Isopropyltoluene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

SEMI-VOLATILE COMPOUNDS

1,2-Diphenylhydrazine (as Azobenzene)
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
2-Chloronaphthalene
2-Chlorophenol
2-Methylnaphthalene
2-Methylphenol (o-Cresol)
2-Nitroaniline
Anthracene
Benzidine
Benzo (a) anthracene
Benzo (a) pyrene
Benzo (b) fluoranthene
Benzo (g,h,i) perylene
Benzo (k) fluoranthene
Bis (2-chloroethoxy) methane
Bis (2-chloroethyl) ether
Bis (2-chloroisopropyl) ether
Bis (2-ethylhexyl) phthalate
Butyl Benzyl phthalate
Carbazole
Chrysene
Di-n-butyl phthalate
Di-n-octyl phthalate
Dibenzo (a,h) anthracene
Dibenzofuran
Diethyl phthalate
Dimethyl phthalate
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno (1,2,3-cd) pyrene
Isophorone
N-Nitroso-di-n-propylamine
N-Nitrosodimethylamine
N-Nitrosodiphenylamine
Nitrobenzene
Pentachlorophenol
Phenanthrene
Phenol
Pyrene
2-Nitrophenol
3,3'-Dichlorobenzidine
3-Nitroaniline
3&4-Methylphenol (m&p-Cresol)
4,6-Dinitro-2-methylphenol
4-Bromophenyl phenylether
4-Chloro-3-methylphenol
4-Chloroaniline
4-Chlorophenyl phenylether
4-Nitroaniline
4-Nitrophenol
Acenaphthene
Acenaphthylene

METALS

Total Arsenic
Total Cadmium
Total Chromium
Total Copper
Total Lead
Total Mercury
Total Molybdenum
Total Nickel
Total Selenium
Total Zinc
Total Antimony
Total Beryllium
Total Silver
Total Thallium

PESTICIDES

Aldrin
Gamma-BHC (Lindane)
Alpha-BHC
Delta-BHC
Beta-BHC
Chlordane
4,4'-DDT
4,4'-DDE
4,4'-DDD
Alpha-Endosulfan
Beta-Endosulfan
Endosulfan Sulfate
Endrin
Endrin Aldehyde
Heptachlor
Heptachlor Epoxide
Toxaphene

POLYCHLORINATED BIPHENYLS
PCB-1242
PCB-1254
PCB-1221
PCB-1232
PCB-1248
PCB-1260
PCB-1016

ADDITIONAL ANALYSES
pH
Percent solids
nitrate-nitrite
Total Kjeldahl nitrogen
ammonia nitrogen
Total organic nitrogen
potassium
phosphorus

DIOXINS
2,3,7,8 TCDD & 2,3,7,8 TCDF
Remaining congeners of 2,3,7,8 TCDD

TOTAL CYANIDES
Total Cyanides

ENTERIC VIRUS
Enteric Virus (Class B intended for reclamation)